

REACT ROUTER

1. Very simple example

```
import React from 'react';
import { HashRouter, Link, Route } from 'react-router-dom';

const Home = () => <h2>Home Component</h2>;
const About = () => <h2>About Component</h2>;
const Contact = () => <h2>Contact</h2>;

const Simple = () => (
  <HashRouter>
    <div>
      <ul>
        <li><Link to='/'>Home</Link></li>
        <li><Link to='/about'>About</Link></li>
        <li><Link to='/contact'>Contact</Link></li>
      </ul>
      <hr />
      <Route exact path='/' component={Home} />
      <Route path='/about' component={About} />
      <Route path='/contact' component={Contact} />
    </div>
  </HashRouter>
);
```



2. URL Params

```
const Home = () => <h2>Home Component</h2>;
const Product = (props) => {
  const { name } = props.match.params;
  return <h2>{name}</h2>;
};

const Simple = () => (
  <HashRouter>
    <div>
      <ul>
        <li><Link to='/'>Home</Link></li>
        <li><Link to='/product/helmet'>Helmet</Link></li>
        <li><Link to='/product/jeans'>Jeans</Link></li>
        <li><Link to='/product/skirt'>Skirt</Link></li>
      </ul>
      <hr />
      <Route exact path='/' component={Home} />
      <Route path='/product/:name' component={Product} />
    </div>
  </HashRouter>
);
```

localhost:3000/#/product/skirt

- [Home](#)
- [Helmet](#)
- [Jeans](#)
- [Skirt](#)

skirt



3. Very simple Authentication Frontend

```
import React from 'react';
import { HashRouter, Link, Route, Redirect } from 'react-router-dom';

const isAuthenticated = false;
const Home = () => <h2>Home Component</h2>;
const Public = () => <h2>Public Page</h2>;
const Private = () => <h2>Private Page</h2>;
const Auth = () => (
  <HashRouter>
    <div>
      <ul>
        <li><Link to='/'>Home</Link></li>
        <li><Link to='/public'>Public</Link></li>
        <li><Link to='/private'>Private</Link></li>
      </ul>
      <hr />
      <Route exact path='/' component={Home} />
      <Route path='/public' component={Public} />
      <Route
        path='/private'
        render={() => (isAuthenticated ? <Private /> : <Redirect to={{ pathname: '/' }} />)}
      />
    </div>
  </HashRouter>
);
```